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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/986,680	11/09/2001	Yoon San Park	0630-1356P	5799
2292	7590	07/27/2004	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			SANTIAGO, MARICELI	
			ART UNIT	PAPER NUMBER
			2879	

DATE MAILED: 07/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

Advisory Action	Application No. 09/986,680	Applicant(s) PARK, YOON SAN	
	Examiner Mariceli Santiago	Art Unit 2879	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 09 June 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. **ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).**

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____

[Handwritten signature]

Continuation of 2. NOTE: In regards to claims 8-10, particularly the recitations in claim 8 of "the curvature at the portions for supporting is increased at peripheral portions thereof" and "increasing a friction force of a damper wire at the periphery of the shadow mask", the amendments to the claims introduce new limitations that were not previously presented and which require further consideration and search.

Continuation of 5. does NOT place the application in condition for allowance because: In regards to the rejection of claims 1 and 3-7, Applicant argues that the radius R disclosed by Takayanagi has nothing to do with a radius of curvature of the supporting surfaces of the main frames as claimed, Applicant refers to Fig. 3A of Takayanagi as showing a non-constant radius of curvature. The Examiner respectfully disagrees, Takayanagi discloses in the Background of the Invention, see Columns 2 and 3, that the "surfaces 45a and 46a of upper and lower frames 45 and 46 of aperture grill supporting frame 42, through which the aperture grill 41 is welded to the supporting frame, have been so processed as to give a part of a columnar wall surface with a radius of R", furthermore, "because these welded surfaces 45a and 46a with a form correspondent with a part of a columnar wall surface with a radius of R as described earlier are assembled as initially designed, the welded surfaces 45a and 46a being subject to elastic deformations do not actually give that designed form". Accordingly, it is the Examiner's position that the radius R disclosed by Takayanagi is related to the radius of curvature, i.e., the surface's radius of the main frames, this being of a constant uniform value prior to the assembly of the shadow mask.

WMS 7/26/04

Joseph Williams
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